

IN THE SPECIFICATION:

Please amend the specification as shown below:

Please amend the paragraph beginning on page 22, line 20 with the following amended paragraph:

Next, a process for a non-real time stream will be described. A non-real time stream is transmitted on a best effort basis when it does not adversely [affects] affect real time streams and the delay time of the non-real time stream becomes minimal. In reality, the scheduling time of each real time stream and the transmission end time of the non-real time stream are compared. When the transmission end time of the non-real time stream is earlier than the scheduling time of each of the real time streams, a transmission permission is given to the non-real time stream.

Please amend the paragraph beginning on page 29, line 14, with the following amended paragraph:

The packetizing block 51 outputs a [packets] packet of a real time stream RS11 of which the data RD11 has been packetized. The packetizing block 52 outputs a packet of a real time stream RS12 of which the data RD12 has been packetized. The packetizing block 52 outputs a packet of a real time stream RS13 of which the data RD 13 has been packetized.